SYSTEM AND METHOD FOR FIELD DIAGNOSIS OF
WIRELESS COMMUNICATIONS DEVICE SYSTEM SOFTWARE

ABSTRACT OF THE INVENTION

5   A system and method are provided for field diagnosing system software in a wireless communications device. The method comprises: executing system software; launching a run-time engine; receiving patch manager run time instructions (PMRTI), including dynamic instruction sets and new code sections, in a file system section

10   nonvolatile memory; and, processing dynamic instruction sets to field diagnose the system software. Processing the dynamic instruction sets includes: executing the diagnosis instruction sets with the system software to collect data; analyzing the collected data; and, in response to analyzing the collected data, operating on system data and system

15   software. The method further comprises: following the operating on the system software and system data, executing the system software.